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PATENT

Atty. Dkt. No. CHIR-0319

Client Dkt. No. PP00365.322

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: **Pizza, M., et al.**

10 / 018470

U.S. Serial No.: **10/018,470**

Int'l. Appln. No.: **PCT/US00/05928**

Group Art Unit: **not yet assigned**

Int. Filing Date: **March 8, 2000**

Examiner: **not yet assigned**

For: **NEISSERIA GENOMIC SEQUENCES AND METHODS OF THEIR USE**

CERTIFICATE OF MAILING BY EXPRESS MAIL

Assistant Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

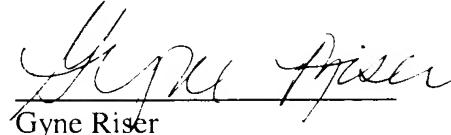
Express Mail Mailing Label No.: **EM 701 980 453 US**

Date of Deposit: **November 21, 2002**

I hereby certify that the two attached executed Declarations for Patent Application, Blanket Petition for Extension of Time and Authorization to Charge/Credit Deposit Account, Power of Attorney, paper copy of Sequence Listing totaling 1,325 pages, CD Rom containing Sequence Listing, Statement to Support Filing and Submission in Accordance With CFR §§1.821 Through 1.825, copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) and postal receipt card, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and are addressed to Box PCT, Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Dated: 11.21.02

By:


Gyne Riser
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UNITED STATES PATENT AND TRADEMARK OFFICE

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U.S. APPLICATION NUMBER NO	FIRST NAMED APPLICANT	ATTY./DOCKET NO.
10/018,470	Mariagrazia Pizza	CHIR-0319
		INTERNATIONAL APPLICATION NO
		PCT/US00/05928
I.A. FILING DATE		PRIORITY DATE
		03/08/2000

Alisa A Harbin
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 MAY 2002
 CHIRON CORPORATION
 INTELLECTUAL PROPERTY

Date Mailed: 05/08/2002

CONFIRMATION NO. 2853
371 FORMALITIES LETTER



OC000000008042956

COPY

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Additionally the following defects have been observed:

The following items **MUST** be furnished within the period set forth below:

DOCKETED on/by 5/14/02 CHIR
 Atty. PA _____
 File # 1097-12
 Due Date 7/1/02 Ext RSG SLS
 Final Date 12/1/02 12/1/02

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

- Additional claim fees of **\$910** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$910** for a Large Entity:

- Total additional claim fee(s) for this application is **\$910**
 - **\$504** for 6 independent claims over 3.
 - **\$126** for 7 total claims over 20.
 - **\$280** for multiple dependant claims surcharge.
- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAYA L LEWIS BALTIMORE

Telephone: (703) 305-3695

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.

10/018,470

INTERNATIONAL APPLICATION NO.

PCT/US00/05928

ATTY DOCKET NO

CHIR-0319

FORM PCT/DO/EO/905 (371 Formalities Notice)